

**Work Order:** Montana DNRC 2018-2020 LiDAR Projects

**Submitted by:** Quantum Spatial

**Prepared by:** Ashley Daigle – adaigle@quantumspatial.com – (541) 622-3635

**Reporting period:** February 22<sup>nd</sup>, 2020 – February 28<sup>th</sup>, 2020

**Report Date:** February 28<sup>th</sup>, 2020

**Project Summary:**

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

**Summary of work completed during reporting period:**

- The Powell County dataset continues to be worked on in the Products and Reporting phase.
- The project team continues to work on the Milk River Building Footprints and NRCS Contours classification.

Tasks	Percent Complete	Due
LiDAR Data Acquisition and Ground Survey [50%]	100%	-
LiDAR Data Processing [50%]	94%	rolling
Weekly Reports	n/a	Ongoing

**Activities Planned Next Week:**

- Continue data processing of Powell County LiDAR dataset in the Products and Reporting Phase.
- Continue in the LiDAR Processing phase on the Milk River Building Footprints and NRCS contours project.

**Upcoming Delivery Dates:**

- Milk River Building Footprints and Contours – Due 3/31/2019
- Powell County – Due 4/15/2020